

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method, comprising:

arranging monitor managed beans in a hierarchical tree structure, wherein each associating a resource with a of the monitor managed bean beans to seek monitoring of one or more corresponding resources of a plurality of resources associated with at a node one or more nodes of a plurality of nodes of a monitor the hierarchical tree structure, wherein the monitor tree having the node including the monitor managed bean beans are associated with runtime managed beans responsible for monitoring the plurality of resources and the resource associated with the monitor managed bean;

monitoring the plurality of resources including the resource via a the runtime managed bean beans, wherein each of the runtime managed beans to collect monitoring information for its assigned resource of the plurality of resources; and

requesting monitoring information regarding the resource from the runtime managed bean; and

receiving the monitoring information from the runtime managed beans, wherein the monitoring information is received by the monitor managed beans at the node plurality of nodes via the monitor managed bean.

2. (Currently Amended) The method of claim 1, further comprising:

receiving a notification from the runtime managed bean at the node by the monitor managed bean, the notification including a signal indicating beans signaling availability of the monitoring information; and

in response to receiving the notification, the monitor managed beans requesting

the monitoring information from the runtime managed-bean beans.

3. (Currently Amended) The method of claim 1, further comprising:
receiving a timer notification from a timer ~~including an indication for the monitor managed bean to request the monitoring data indicating availability of the monitoring information~~; and
in response to receiving the timer notification, the monitor managed beans requesting the monitoring information from the runtime managed-bean beans.
4. (Cancelled)
5. (Currently Amended) The method of claim 4 1, wherein ~~one or more the plurality of resources include one or more of Advanced Business Application Programming resources associated with an ABAP engine, and Java resources associated with a Java 2 Platform, Enterprise Edition (J2EE) engine, the Java~~
~~plurality of resources include one ore or more of the following: kernel, services, interfaces, and libraries corresponding to a dispatcher or a server associated with the J2EE engine.~~
6. (Cancelled)
7. (Currently Amended) The method of claim 1, further comprises comprising coupling the ~~monitor tree~~ hierarchical tree structure with a central database and one or more client-level applications using a monitor service, ~~wherein the monitor service includes one or more of the following: connectors, adaptors, interfaces, and applications.~~

Claims 8-10 (Cancelled)

11. (Currently Amended) The method of claim 10 1, further comprising displaying

- the wherein the administrative tools include a visual administrator having a monitor viewer to display the monitoring information via a monitor viewer.
12. (Currently Amended) The method of claim 11, wherein the monitor viewer includes one or more of ~~the following~~: a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.
13. (Currently Amended) The method of claim 11, wherein the monitoring information includes one or more of ~~the following~~: current monitoring status of the associated plurality of resources~~resource~~, ~~monitor~~monitoring history of the associated resource~~s~~ plurality of resources, and general information regarding the associated resource~~s~~ relating to the plurality of resources.
14. (Currently Amended) The method of claim 13, wherein the current monitoring status includes a color-coded indication of at least one of ~~the following~~: the associated status of a resource is being monitored, the associated ~~the~~ resource is nearing a critical value, the associated resource has reached ~~reaching~~ the critical value, and the associated resource is ~~resources~~ not being monitored.
15. (Currently Amended) The method of claim 13, wherein the ~~monitor~~monitoring history includes ~~at least one of the following~~: ~~monitoring history of the plurality of resources that is collected over a predetermined time period~~~~s~~ ~~one minute history of the associated resource, a five minute history of the associated resource, a fifteen minute history of the associated resource, a thirty minute history of the associated resource, and a one hour history of the associated resource.~~

Claims 16-34 (Cancelled)

35. (Currently Amended) A system comprising:

a server having a processor and a storage medium coupled with the processor via
a bus, the server further having an application server, the application
server to
arrange monitor managed beans in a hierarchical tree structure, wherein each a
monitor tree having a plurality of nodes including of the monitor managed
beans to seek monitoring of one or more corresponding resources of a
plurality of resources associated with one or more nodes and of a plurality
of nodes of the hierarchical tree structure, wherein the of resources
associated with the monitor managed beans are associated with runtime
managed beans responsible for monitoring the plurality of resources;
wherein the monitor tree having a node including a monitor managed bean
and a resource associated with the monitor managed bean;
a runtime managed bean in communication with the plurality of nodes to monitor
the plurality of resources via the runtime managed beans, wherein each of
the runtime managed beans to collect monitoring information for its
assigned resource of the plurality of resources including the resource
associated with the monitor managed bean, and to provide monitoring
information regarding the resource to the monitor managed bean at the
node; and
a monitor viewer in communication with the monitor tree via a monitor service to
display receive the monitoring information from the runtime managed
beans, wherein the monitoring information is received by the monitor
managed beans at the plurality of nodes.

36. (Currently Amended) The system of claim 35, wherein the ~~monitor service is application server is~~ further to couple ~~the hierarchical tree structure the monitor tree with a central database and one or more client-level applications using a monitor service comprising an Extensible Markup Language (XML) file having semantics and directives to generate the monitor tree.~~
37. (Currently Amended) The system of claim 35, wherein the ~~monitor service is further to couple the monitor tree with one or more client-level applications having one or more of the following: include one or more of a computing center management system, administrative tools, and third party tools.~~
38. (Cancelled)
39. (Currently Amended) The system of claim 35, wherein the ~~administrative tools include a monitor viewer to display the monitoring information, wherein the monitor viewer includes a customized visual administrator monitor viewer, a Web-based monitor viewer, and a Graphical User Interface (GUI)-based monitor viewer.~~

Claims 40-43 (Cancelled)

44. (Currently Amended) A machine-readable medium having instructions which, when executed, cause a machine to:
~~arranging monitor managed beans in a hierarchical tree structure, wherein each associate a resource with a of the monitor managed bean beans to seek monitoring of one or more corresponding resources of a plurality of resources associated with at a node one or more nodes of a plurality of nodes of the hierarchical tree structure of a monitor tree, wherein the monitor tree having the node including the monitor managed beans are~~

associated with runtime managed beans responsible for monitoring the plurality of resources bean and the resource associated with the monitor managed bean;

monitor the plurality of resources including the resource via a via the runtime managed bean beans, wherein each of the runtime managed beans to collect monitoring information for its assigned resource of the plurality of resources; and;

request monitoring information regarding the resource from the runtime managed bean; and

receive the monitoring information from the runtime managed beans, wherein the monitoring information is received by the monitor managed beans at the plurality of nodes at the node via the monitor managed bean.

45. (Currently Amended) The machine-readable medium of claim 44, wherein the instructions which, when executed, further cause the machine to:

receive a notification from the runtime managed bean at the node by the monitor managed bean, the notification including a signal indicating beans signaling availability of the monitoring information; and

in response to receiving the notification, the monitor managed beans request the monitoring information from the runtime managed bean beans.

46. (Currently Amended) The machine-readable medium of claim 44, wherein the instructions which, when executed, further cause the machine to:

receive a timer notification from a timer including an indication for the monitor managed bean to request the monitoring data indicating availability of the monitoring information; and

in response to receiving the timer notification, the monitor managed beans request
the monitoring information from the runtime managed-bean beans.

Claims 47-53 (Cancelled)

54. (Currently Amended) The machine-readable medium of claim-~~53~~ 44, wherein the
instructions which, when executed, further cause the machine to display the
monitoring information via ~~wherein the administrative tools include a visual~~
~~administrator having a monitor viewer to display the monitoring information.~~
55. (Currently Amended) The machine-readable medium of claim 54, wherein the
monitor viewer includes one or more of ~~the following:~~ a customized visual
administrator monitor viewer, a Web-based monitor viewer, and a Graphical User
Interface (GUI)-based monitor viewer.

Claims 56-66 (Cancelled)